

claims 1, 3, 4, 7, and 8, and add claim 12 as follows:

1. (Amended) A recording head of an inkjet recording apparatus
for recording an image on an object, comprising:

a recording head unit supplied with ink for recording an
image on a recording object by forming a jet of the
ink, said recording head unit comprising: a nozzle for
ejecting said jet; a passage of ink provided in
communication with said ink nozzle for supplying said
ink to said nozzle; an energization part provided on
said passage for applying energy to said ink in said
passage to form said jet; and an ink inlet formed in
communication with said passage for receiving said ink,
said inlet including therein filter means which is made
from stainless steel mesh for eliminating particles
from said ink supplied to said inlet; and

an ink reservoir unit for holding therein said ink, said ink
reservoir supplying said ink held therein to said inlet
of said recording head part, said ink reservoir
accommodating therein a material infiltrated with said
ink;

said recording head unit carrying thereon first connection
means as a part of said recording head unit, for
connecting said recording head unit to said ink
reservoir unit;

said ink reservoir unit carrying thereon second connection

25 means corresponding to said first connection means as
26 a part of said ink reservoir unit, for connecting said
27 ink reservoir unit to said recording head unit;
28 said first and second connection means being so formed that
29 said first and second connection means establish, when
30 said ink reservoir unit is mounted upon said recording
31 head unit, a detachable engagement with each other in
32 a manner, such that said ink in said reservoir unit
33 flows to said passage in said recording head unit;
34 wherein said recording head further includes a carriage
35 member constructed so as to be mounted upon an image
36 recording apparatus for carrying thereon said recording
37 head unit and said reservoir unit together in the state
38 that said recording head unit and said reservoir unit
39 are connected with each other detachably, said carriage
40 member having a positioning part for determining a
41 position of said nozzle of said recording head unit
42 with respect to said carriage member.--

1 --3. (Amended) A recording head as claimed in claim [2] 1,
2 wherein said positioning part of said carriage member [includes a
3 base part for carrying said recording head unit and said ink
4 reservoir unit and a cover part mounted upon said base part in a
5 manner rotatable with respect thereto, said base part carrying a
6 positioning part such that said positioning part] forms a mechani-
7 cal engagement with [a front part of] said recording head unit on

8 which said nozzle is formed [, said cover part urging said
9 recording head unit resiliently upon said base part such that said
10 front part of said recording head unit establishes said mechanical
11 engagement with said positioning part].--

Sub G^{a1}
a2
a3
--4. (Amended) A recording head as claimed in claim 3, wherein
2 said [cover part] carriage member carries thereon an
3 interconnection pattern for carrying electric signals, and wherein
4 said recording head unit carries thereon an interconnection pattern
5 corresponding to said interconnection pattern on said [cover part]
6 carriage member, said recording head unit thereby establishing an
7 electrical contact with said interconnection pattern of said
8 carriage member and said interconnection pattern of said recording
9 head unit when said recording head unit and said ink reservoir unit
10 are mounted upon said carriage member.--

a3
--7. (Amended) A recording head as claimed in claim 1, wherein
2 said first connection means of said recording head unit comprises
3 a substantially rigid tubular member for insertion into said ink
4 reservoir unit such that said tubular member [breaks said seal
5 membrane when said ink reservoir unit is mounted upon said
6 recording head part] connects said recording head unit and said
7 ink reservoir unit detachably via a resilient seal member, said
8 tubular member having a passage of ink therein in communication
9 with said passage of ink in said recording head unit.--

1 --8. (Amended) A recording head as claimed in claim 7, wherein
2 said [tubular member has a sharp pointed part that breaks said
3 seal membrane when] seal member is carried by said ink reservoir
4 unit [is mounted upon said recording head unit].--

sub E1
1 --12. (New) A method for recording an image on an object by
2 means of an inkjet recording apparatus, said inkjet recording
3 apparatus including a recording head unit carrying thereon an ink
4 nozzle for forming an inkjet and an ink reservoir for storing ink,
5 said ink reservoir being so constructed as to be mounted upon said
6 recording head unit detachably therefrom and carrying a vent closed
7 by a seal member, said method comprising the steps of:
8 mounting said ink reservoir upon said recording head unit
9 such that the ink in said ink reservoir is supplied to
10 said recording head unit; and
11 breaking said seal member such that an interior space of
12 said ink reservoir communicates with an exterior of
13 said ink reservoir via said vent.--

REMARKS

Claims 1 and 3-12 are in this case. Claim 2 has been cancelled without prejudice, claims 1, 3, 4, 7 and 8 have been amended, and claim 12 has been added by this Amendment.

The first Office Action dated October 28, 1994 objected to claims 2, 3, and 7 because of certain informalities. Claim 2 has been cancelled and claims 3 and 7 have been revised in an effort to